



## IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM1-60J-MV-27K-2R-XX-110 S.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM1-60J-MV-30K-2R-XX-130

[ISSUEDATE] 2020-09-25

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM1-60J-MV-27K-2R-XX-110

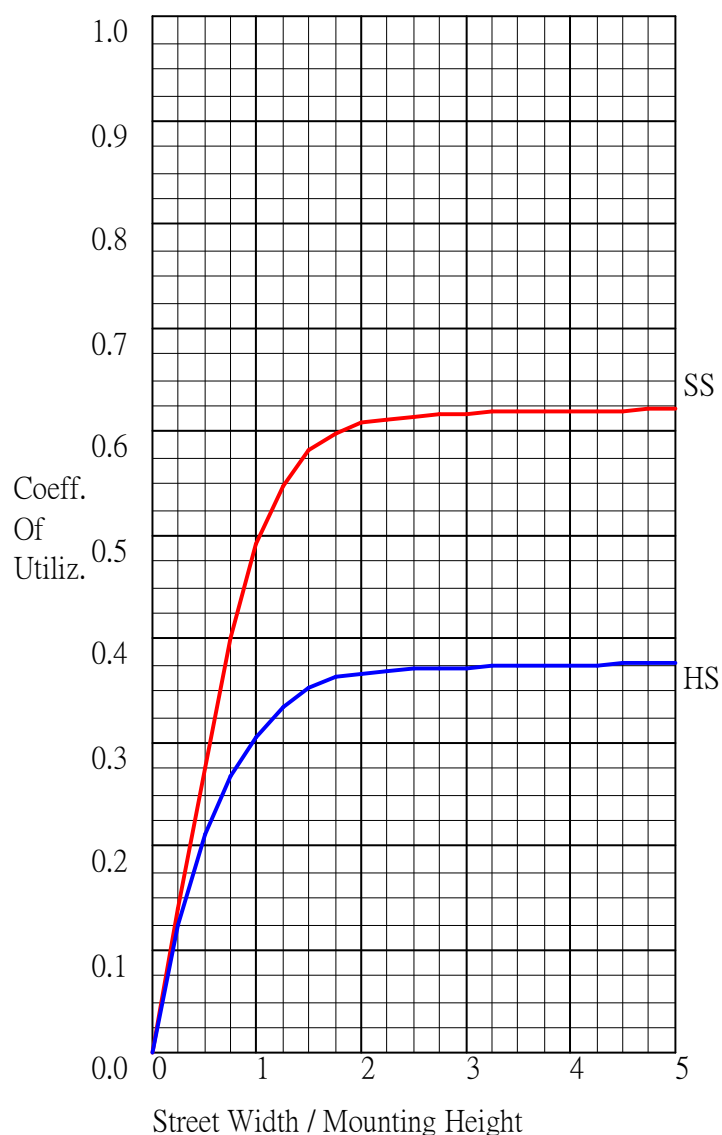
### CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	10768
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	150
Total Luminaire Watts	72
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	6505.133
Maximum Candela Angle	75H 73.5V
Maximum Candela (<90 Degrees Vertical)	6505.133
Maximum Candela Angle (<90 Degrees Vertical)	75H 73.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2128.882 (19.8% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

### LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1000.7	N.A.	9.3
FM - Front-Medium (30-60)	3642.2	N.A.	33.8
FH - Front-High (60-80)	1994.1	N.A.	18.5
FVH - Front-Very High (80-90)	67.2	N.A.	0.6
BL - Back-Low (0-30)	925.5	N.A.	8.6
BM - Back-Medium (30-60)	2198.6	N.A.	20.4
BH - Back-High (60-80)	914.9	N.A.	8.5
BVH - Back-Very High (80-90)	25.3	N.A.	0.2
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	10768.5	N.A.	100.0
BUG Rating	B2-U0-G2		

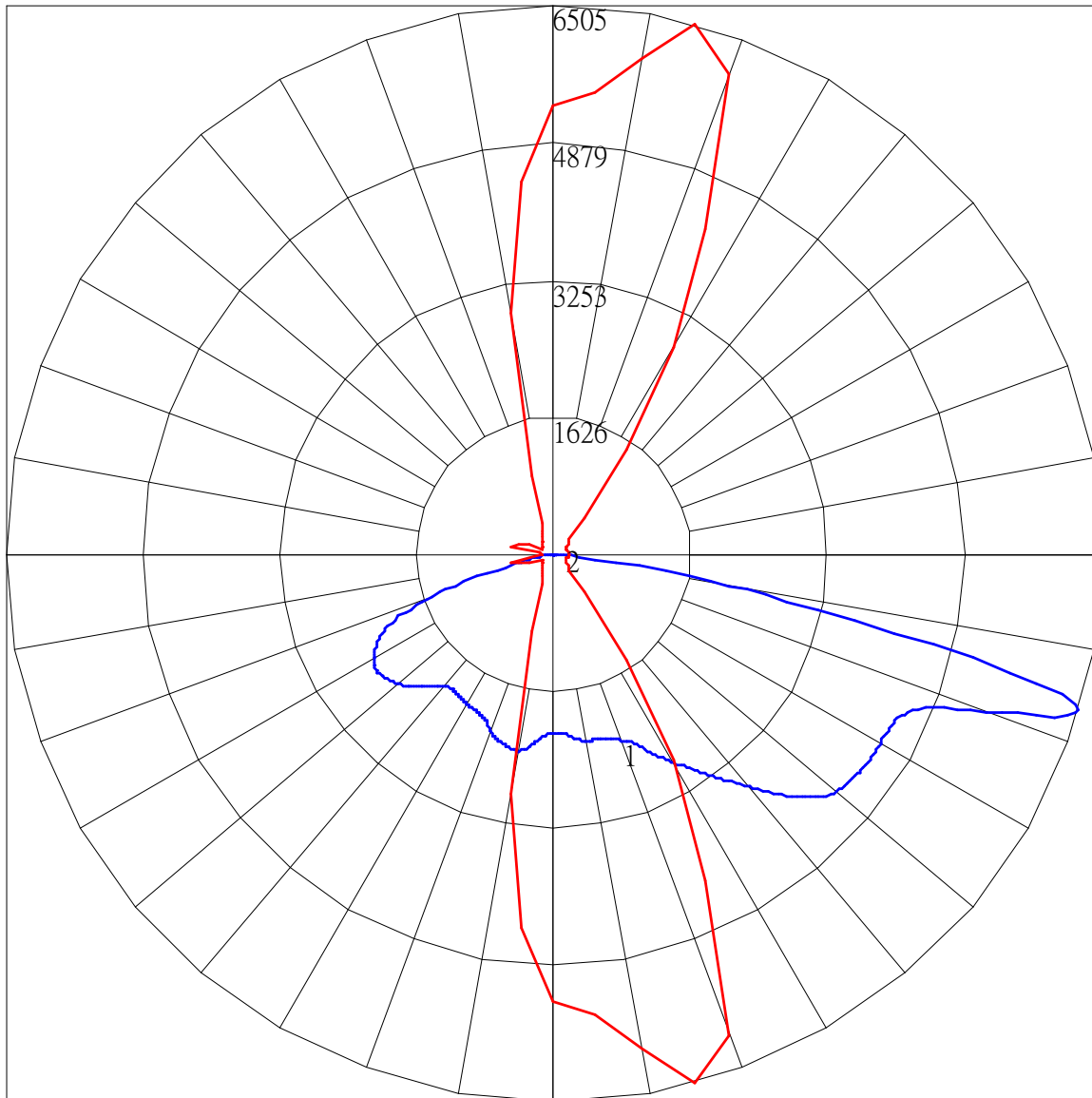
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

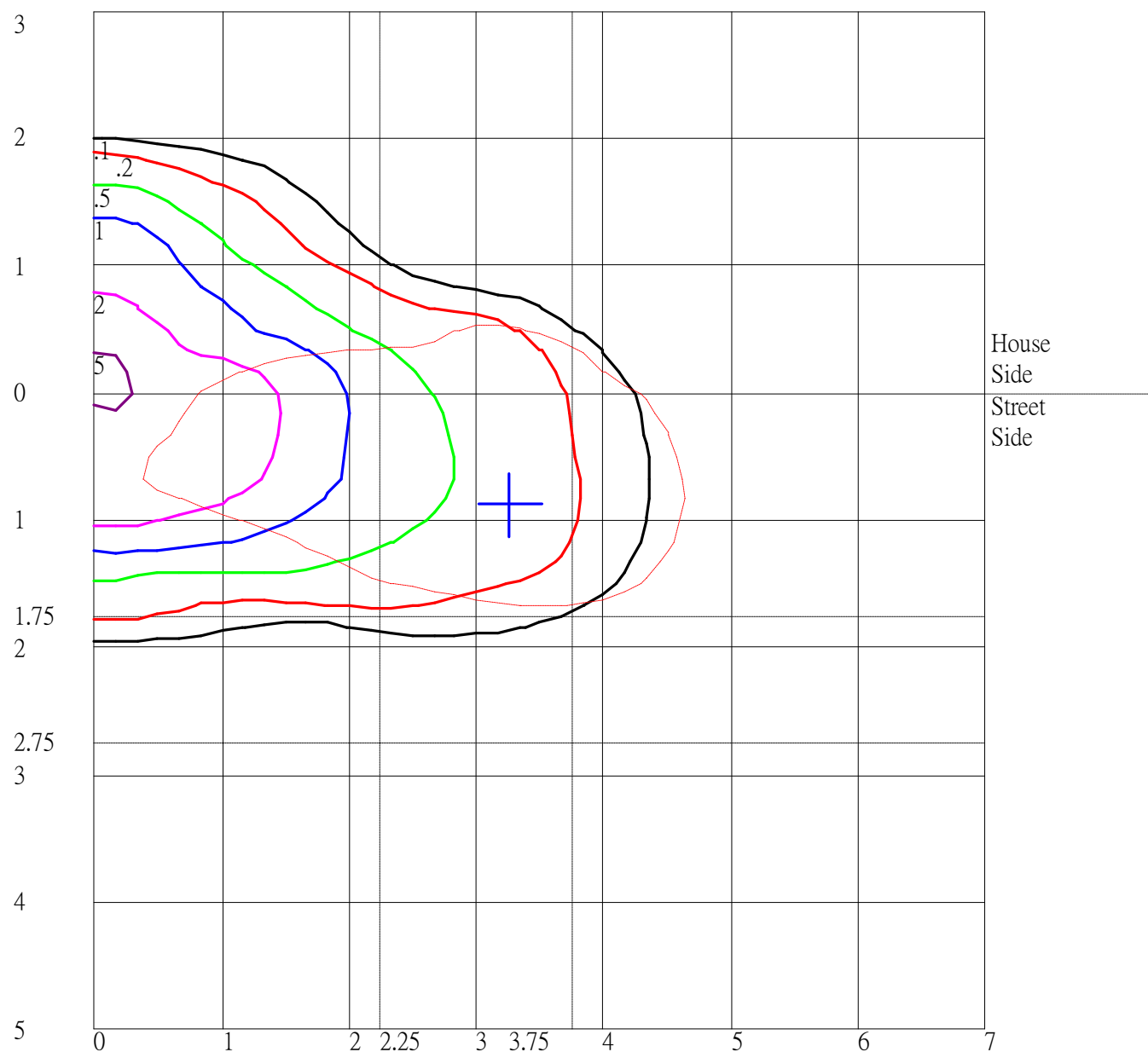
	Lumens	Percent Of Luminaire
Downward Street Side	6704.1	62.3
Downward House Side	4064.3	37.7
Downward Total	10768.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	10768.4	100.0

POLAR GRAPH



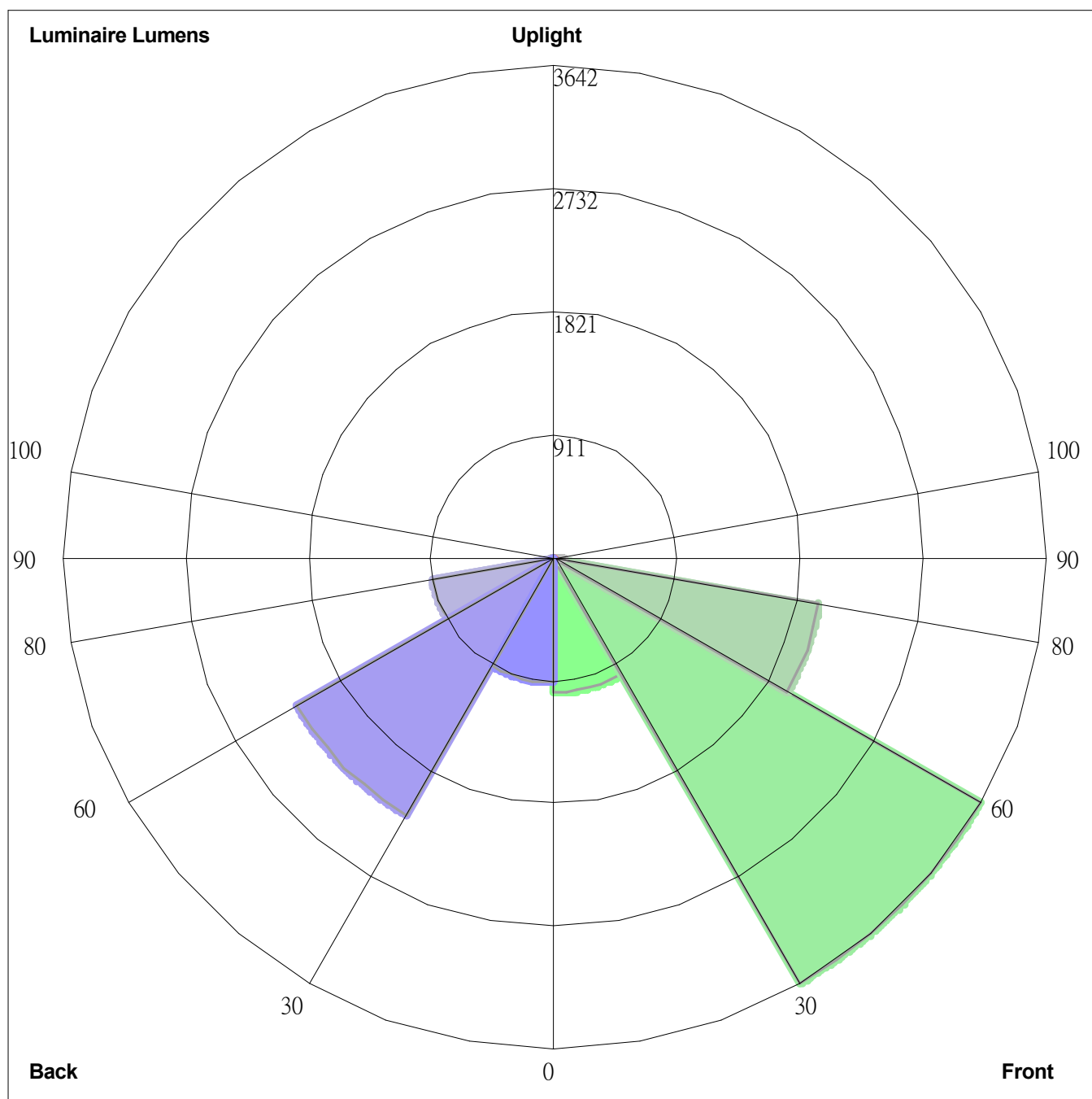
Maximum Candela = 6505.133 Located At Horizontal Angle = 75, Vertical Angle = 73.5  
# 1 - Vertical Plane Through Horizontal Angles (75 - 255) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (73.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height  
 Values Based On 20 Foot Mounting Height  
 1/2 Maximum Candela Trace Shown As Dashed Curve  
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1000.7, Medium=3642.2, High=1994.1, Very High=67.2  
Back: Low=925.5, Medium=2198.6, High=914.9, Very High=25.3  
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2